From:	Turner, Philip
To:	Enders, Jhana; Smith, Terry; Jose Ojeda
Subject:	RE: NIOSH 6002 - Questions
Date:	Thursday, March 2, 2017 1:12:00 PM
Attachments:	image004.png image008.png

I think we all understand there are no guarantees. I think that's why we're hoping they can do some sort of test run before hand.

From: Enders, Jhana
Sent: Thursday, March 02, 2017 12:06 PM
To: Smith, Terry ; Turner, Philip ; Jose Ojeda
Subject: Fwd: NIOSH 6002 - Questions
Any issues per START question below? Need to know any potential issues before the UC call at 3:30.
Thanks

Sent from my iPhone

Begin forwarded message:

> **From:** "Ojeda, Jose" <Jose.Ojeda@WestonSolutions.com>
> **Date:** March 2, 2017 at 11:53:12 AM CST
> **To:** "Enders, Jhana" <Enders.Jhana@epa.gov>
> **Subject: RE: NIOSH 6002 - Questions**
>
> Can the sampling media handle that volume?
> Sent from my smartphone
> José L. Ojeda
> Senior Project Leader - START
> Weston Solutions, Inc.
> -------- Original message --------
> From: "Enders, Jhana" <Enders.Jhana@epa.gov>
> Date: 3/2/17 11:24 AM (GMT-06:00)
> To: "Ojeda, Jose" <Jose.Ojeda@WestonSolutions.com>
> Subject: FW: NIOSH 6002 - Questions
>
> Jose, any issues collecting 300 liters listed below?

Jhana Enders
Federal On Scene Coordinator (FOSC)
214-665-2270 Work
214-789-9654 Mobile
enders.jhana@epa.gov
1445 Ross Avenue (6SF-PE)
Dallas, Tx 75206

> **From:** Smith, Terry
> **Sent:** Thursday, March 02, 2017 11:08 AM
> **To:** Enders, Jhana <Enders.Jhana@epa.gov>; Turner, Philip <Turner.Philip@epa.gov>
> **Subject:** RE: NIOSH 6002 - Questions
> Attached is the original piece of info we received from the lab.
> The question was put to them as to whether they could reach a detection limit of 0.31

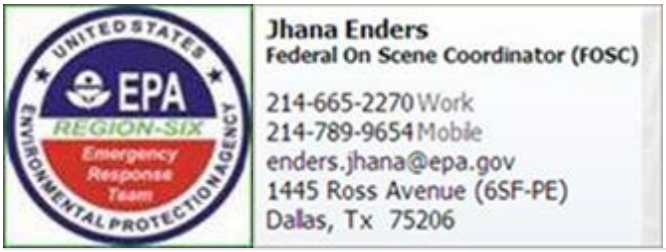
ug/m3 and they did not reply yes or no. This indicates they have never had to analyze down to that level, and would have to test in their lab to ensure they could. They did estimate they would need over 300 liters of air to be able to reach that detection level. They also asked if we needed any sampling pumps, so they may have experience themselves in sampling.
Phil and Jhana. I can get you the point of contact at the lab if you would like to discuss with them directly. That is not an issue.
Terry

From: Enders, Jhana
Sent: Thursday, March 02, 2017 11:45 AM
To: Smith, Terry <Smith.Terry@epa.gov>; Turner, Philip <Turner.Philip@epa.gov>
Subject: RE: NIOSH 6002 - Questions

6002 lists the following – how are we getting to the RSL (3.1 E-01) which if we calculated correctly previously is 0.0002 ppm…adding Phil to the list as he will be on the call with me today. Thanks.

OSHA : 0.3 ppm
NIOSH: 0.3 ppm; 1 ppm STEL
ACGIH: 0.3 ppm; 1 ppm STEL
(1 ppm = 1.39 mg/m3 @ NTP)

Do you have a document on how to collect the sample? Wondering how much more/less volume, etc.
Thanks.



From: Smith, Terry
Sent: Thursday, March 02, 2017 10:36 AM
To: Enders, Jhana <Enders.Jhana@epa.gov>
Subject: NIOSH 6002

Jhana: Here is the NIOSH method. Just cut and paste the following into your browser. Notice the actual method calls for 16 liters of air, but the lab stated they would have to have 320 liters of air
To reach the detection level of 0.3 ug/m3
https://www.cdc.gov/niosh/docs/2003-154/pdfs/6002.pdf

Terry Smith
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